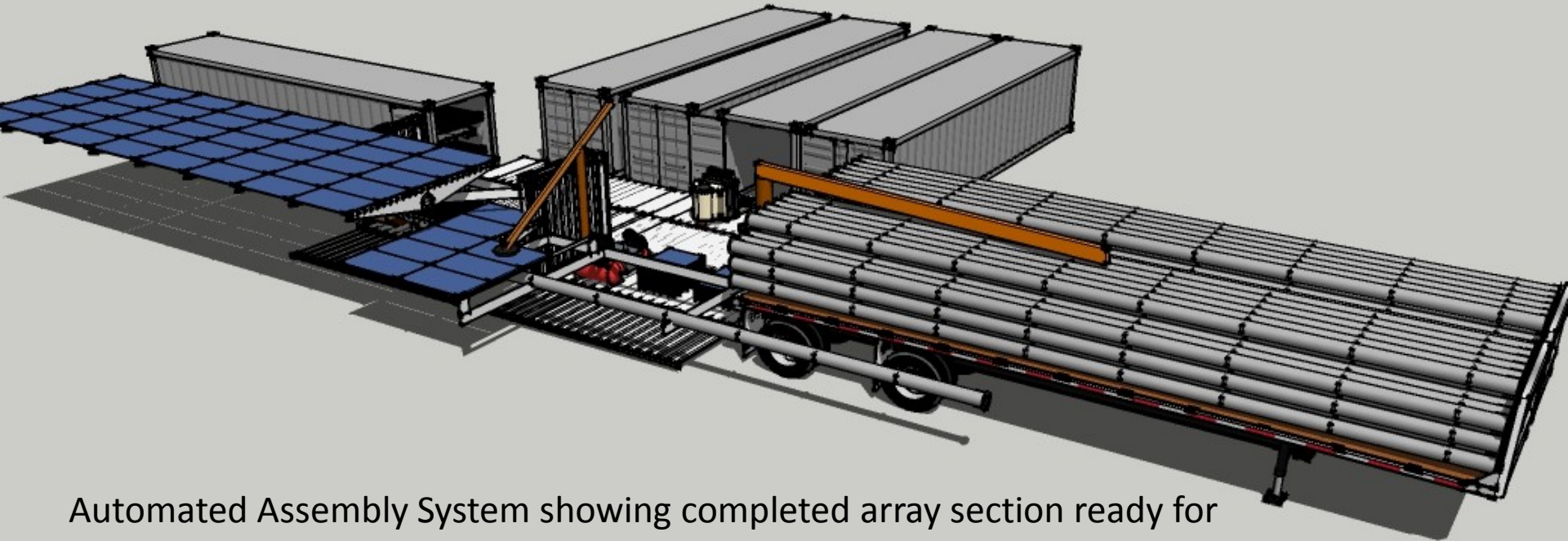


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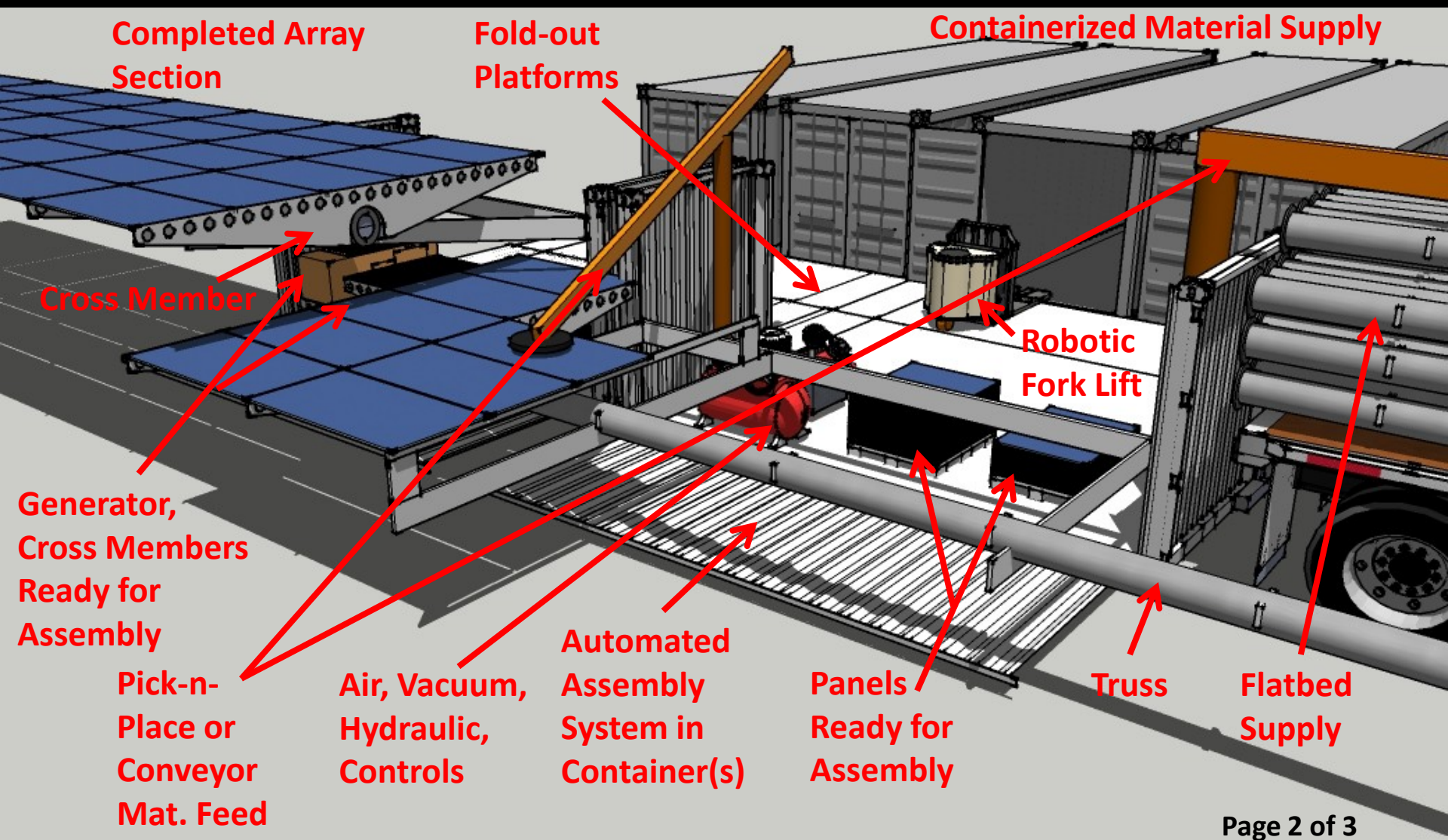
Automated PV Array Assembly



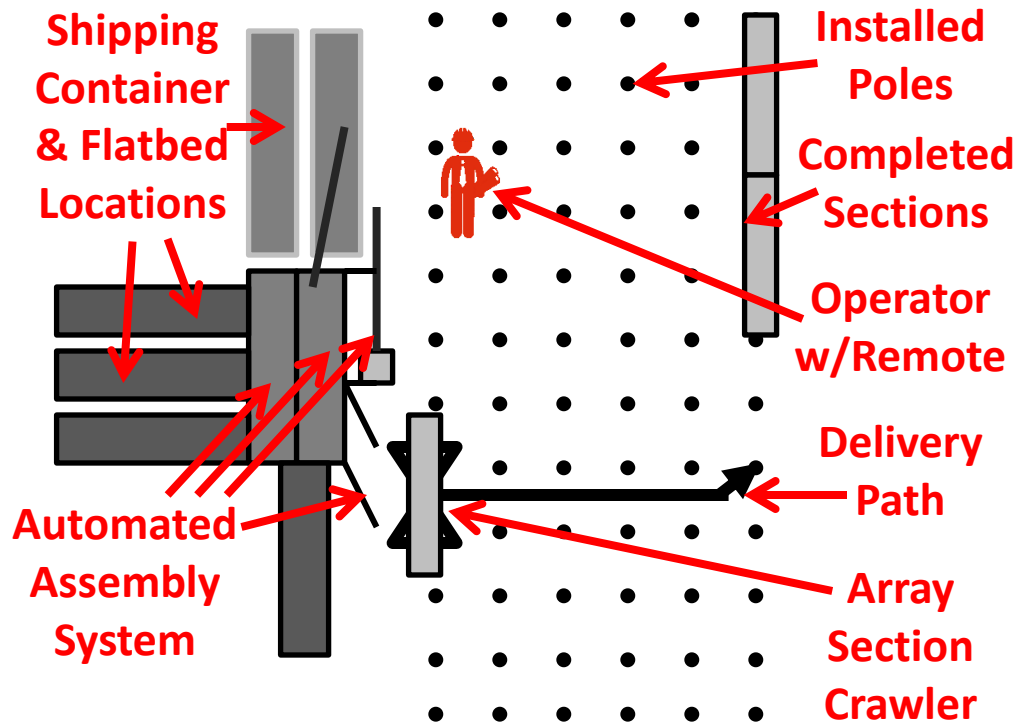
Automated Assembly System showing completed array section ready for delivery to poles, array section under construction, assembly system delivered in unfolding 40' shipping container, automated material handling, robotic forklift, delivered containers/flatbeds with panels and cross members and truss sections. Alternative configurations also pat. pend. No actuators, grapplers, traction mechanisms, or supporting infrastructure shown. Panel placement method shown is conceptual only.

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Automated PV Array Assembly – Close-up



Automated PV Array Assembly – Aerial View



One of many modalities showing material delivery, processing, assembly, and delivery to poles, with each function separable by autoums bot delivery or movable track as needed to fit any specific site.